

**INPUT CIRCUITS INCLUDING BOOSTED VOLTAGES
AND RELATED METHODS**

ABSTRACT OF THE DISCLOSURE

An input circuit for an integrated circuit device may include a boosting circuit, a protection circuit, and a buffer circuit. The boosting circuit is configured to receive a supply voltage of the integrated circuit device and to generate a boosted voltage higher than the supply voltage. The protection circuit is configured to receive an input signal and the boosted voltage and to generate an output signal that changes responsive to changes in the input signal. The buffer circuit is configured to generate a buffered output signal responsive to the output signal generated by the protection circuit. Related methods are also discussed.